Funded in part by the Oklahoma Tobacco Research Center, the Mobile Health (mHealth) Shared Resource at the Stephenson Cancer Center offers resources that empower researchers to build, test, and launch technology based assessment and intervention tools.

**THIS SHARED RESOURCE WORKS WITH RESEARCHERS TO:**

- Create innovative mobile applications
- Help to identify and intervene upon environmental, cognitive, affective, physiological, and behavioral antecedents of health risk factors linked to cancer
- Develop applications using state-of-the-art cross-platform design tools

**GOALS:**

- Provide strategic leadership for innovation in the development of advanced mobile applications for research studies
- Build and support applications that enable researchers to conduct cancer prevention and intervention studies
- Promote and facilitate joint partnerships to support effective delivery of resources and services

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**OUR SERVICES INCLUDE:**

- Support Clinical Trials & Micro-Randomized Trials
- UX/UI Design for Web & Mobile Applications
- Smartphone & Tablet Application Design & Development (e.g., Android, Apple, Microsoft)
- Web Based Content Management System (CMS) to Manage Research Studies & Enroll Study Participants
- Create Various Types of Ecological Momentary Assessments (EMAs): Random, Daily, Participant Initiated, Geo-Fence Initiated, Sensor Initiated
- Ecological Momentary Intervention (EMI) Development Including Automated Decision Rules & Skip Logic
- Capture & Utilize Data from Smartwatches/Fitness Trackers (e.g., Android, Apple, Fitbit, Microsoft) and Other Devices (e.g., Glucose Monitors, Smart Scales)
- Machine Learning Models & Analysis
- GPS Tracking & Analysis
- Geo-Fencing & Analysis
- Governance & Risk Assessment Support
- Application Maintenance & Support
- Application & Device Training